

# Matthew Lee

Co-op Computer Science Major  
University of British Columbia [grad. 2024]

<https://portfolio.matthewjl.xyz>  
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## Technical Skills

Languages: Java, TypeScript, SQL, C[++], Ruby[Rails], Lisps, Erlang, CUDA  
Environment/Tools: Git[hub], Vim, Linux, Insomnia, Figma, Excel  
Web Technologies: CSS, HTML, React, GraphQL, REST, Svelte, WebGL

## Work Experience

**Fresh Prep - Online Storefront** Mar 2023 - Present

*Contract Software Developer*

- Developed & updated features for the Peko Produce online storefront, including a major product launch & a regional expansion.
- Streamlined and automated a variety of operational processes, including inventory management, order fulfillment, and customer support.

**Peko Produce - Online Storefront** Dec 2021 - Mar 2023

*Lead Developer*

- Built **crucial user features on low time/resource budgets**, including the public inventory database, blog/recipe templates, and FAQ system
- Worked with designers to implement **multiple site redesigns and rebrands**
- Implemented front-end logic to improve user experience and develop marketing data, including smart postal code checkers, A/B testing functionality, and email signups
- Managed/maintained codebase and documentation, onboarded interns, and owned technical knowledge/processes **from start-up phase to company acquisition**

**Shopify - Selling Strategies** Jan - Aug 2022

*Backend Developer Intern*

- Contributed to development of pre-order, raffle, and try-before-you-buy selling models
- Worked on the implementation of a deferred payment checkout flow which lead to **over \$3M in raffle order revenue in 1 month**
- Exposed internal services on a GraphQL API to allow new selling models for merchants using Shopify's headless commerce platform

**UBC ThunderBikes - Controls & Peripherals** Jul 2020 - Dec 2021

*Subteam Contractor*

- Worked with subteam of mechanical engineers from design phase to early testing phases of an electric motorbike, focusing on the integration of displays and monitoring
- Built a prototype system for both logging and streaming real-time engine data to a web-based dashboard, allowing engineers to remotely observe state during live tests

**TELUS Health - Business Strategy Development** May - Sep 2021

*Business Analyst Intern*

- Automated KPI reporting tasks via Google Sheets integrations, saving **4+ hours of analysis work per week**
- Owned and developed processes for qualitative and quantitative reporting at various levels, from team-specific to C-suite and organization-wide.